#!/bin/bash

echo "Creating RED-RG"

echo "Creating Azure Resource Group"

az group create -l eastus -n RED-RG

echo "Creating Azure Virtual Network"

az network vnet create -g RED-RG -n RED-RG-vNET1 --address-prefix 10.1.0.0/16 \

--subnet-name RED-RG-Subnet-1 --subnet-prefix 10.1.1.0/24 -l eastus

echo "Creating Azure NSG & Rules"

az network nsg create -g RED-RG -n RED-RG\_NSG1

az network nsg rule create -g RED-RG --nsg-name RED-RG\_NSG1 -n RED-RG\_NSG1\_RULE1 --priority 100 \

--source-address-prefixes '\*' --source-port-ranges '\*' --destination-address-prefixes '\*' \

--destination-port-ranges '\*' --access Allow --protocol Tcp --description "Allowing All Traffic For Now"

echo "Creating Azure Availibility Set"

az vm availability-set create --name EAST-AVSET1 -g RED-RG --location eastus \

--platform-fault-domain-count 3 --platform-update-domain-count 5

echo "Creating ORANGE-RG"

echo "Creating Azure Resource Group"

az group create -l eastus -n ORANGE-RG

echo "Creating Azure Virtual Network"

az network vnet create -g ORANGE-RG -n ORANGE-RG-vNET1 --address-prefix 172.16.0.0/16 \

--subnet-name ORANGE-RG-Subnet-1 --subnet-prefix 172.16.1.0/24 -l eastus

echo "Creating Azure NSG & Rules"

az network nsg create -g ORANGE-RG -n ORANGE-RG\_NSG1

az network nsg rule create -g ORANGE-RG --nsg-name ORANGE-RG\_NSG1 -n ORANGE-RG\_NSG1\_RULE1 --priority 100 \

--source-address-prefixes '\*' --source-port-ranges '\*' --destination-address-prefixes '\*' \

--destination-port-ranges '\*' --access Allow --protocol Tcp --description "Allowing All Traffic For Now"

echo "Creating Azure Availibility Set"

az vm availability-set create --name EAST-AVSET1 -g ORANGE-RG --location eastus \

--platform-fault-domain-count 3 --platform-update-domain-count 5

echo "Creating BLUE-RG"

echo "Creating Azure Resource Group"

az group create -l westus -n BLUE-RG

echo "Creating Azure Virtual Network"

az network vnet create -g BLUE-RG -n BLUE-RG-vNET1 --address-prefix 192.168.0.0/16 \

--subnet-name BLUE-RG-Subnet-1 --subnet-prefix 192.168.1.0/24 -l westus

echo "Creating Azure NSG & Rules"

az network nsg create -g BLUE-RG -n BLUE-RG\_NSG1

az network nsg rule create -g BLUE-RG --nsg-name BLUE-RG\_NSG1 -n BLUE-RG\_NSG1\_RULE1 --priority 100 \

--source-address-prefixes '\*' --source-port-ranges '\*' --destination-address-prefixes '\*' \

--destination-port-ranges '\*' --access Allow --protocol Tcp --description "Allowing All Traffic For Now"

echo "Creating Azure Availibility Set"

az vm availability-set create --name EAST-AVSET1 -g BLUE-RG --location westus \

--platform-fault-domain-count 3 --platform-update-domain-count 5

az account set --subscription "YOUR DEV SUB ID"

echo "Creating BLUE-RG"

echo "Creating Azure Resource Group"

az group create -l westus -n BLUE-RG

echo "Creating Azure Virtual Network"

az network vnet create -g BLUE-RG -n BLUE-RG-vNET1 --address-prefix 192.168.0.0/16 \

--subnet-name BLUE-RG-Subnet-1 --subnet-prefix 192.168.1.0/24 -l westus

echo "Creating Azure NSG & Rules"

az network nsg create -g BLUE-RG -n BLUE-RG\_NSG1

az network nsg rule create -g BLUE-RG --nsg-name BLUE-RG\_NSG1 -n BLUE-RG\_NSG1\_RULE1 --priority 100 \

--source-address-prefixes '\*' --source-port-ranges '\*' --destination-address-prefixes '\*' \

--destination-port-ranges '\*' --access Allow --protocol Tcp --description "Allowing All Traffic For Now"

echo "Creating Azure Availibility Set"

az vm availability-set create --name EAST-AVSET1 -g BLUE-RG --location westus \

--platform-fault-domain-count 3 --platform-update-domain-count 5

========================================================================

#This Script Deployes Basic RG-VNET-SUBNET-NSG-AVSET-ONEVM

echo "Running the script now..!!"

echo "Creating Azure Resource Group"

az group create -l eastus -n AZUREB8

echo "Creating Azure Virtual Network"

az network vnet create -g AZUREB8 -n AZUREB8-vNET1 --address-prefix 10.1.0.0/16 \

--subnet-name AZUREB8-Subnet-1 --subnet-prefix 10.1.1.0/24 -l eastus

echo "Creating Azure Subnets"

az network vnet subnet create -g AZUREB8 --vnet-name AZUREB8-vNET1 -n AZUREB8-Subnet-2 \

--address-prefixes 10.1.2.0/24

az network vnet subnet create -g AZUREB8 --vnet-name AZUREB8-vNET1 -n AZUREB8-Subnet-3 \

--address-prefixes 10.1.3.0/24

echo "Creating Azure NSG & Rules"

az network nsg create -g AZUREB8 -n AZUREB8\_NSG1

az network nsg rule create -g AZUREB8 --nsg-name AZUREB8\_NSG1 -n AZUREB8\_NSG1\_RULE1 --priority 100 \

--source-address-prefixes '\*' --source-port-ranges '\*' --destination-address-prefixes '\*' \

--destination-port-ranges '\*' --access Allow --protocol Tcp --description "Allowing All Traffic For Now"

echo "Creating Azure Availibility Set"

az vm availability-set create --name EAST-AVSET1 -g AZUREB8 --location eastus \

--platform-fault-domain-count 3 --platform-update-domain-count 5

az vm create --resource-group AZUREB8 --name AZUREB8TestVM1 --image UbuntuLTS --vnet-name AZUREB8-vNET1 \

--subnet AZUREB8-Subnet-1 --admin-username testuser --admin-password "India@123456" --size Standard\_B1ls \

--availability-set EAST-AVSET1 --nsg AZUREB8\_NSG1